

β<sup>1</sup>

For the construction of the expression construct for seed-specific expression, the promoter and terminator sequences from the glutelin (Gt1) gene of *Oryza sativa* L. are synthesized using PCR technology with the genomic clone Gt1 (Okita et al, J. Biol. Chem. 264, 12573 - 12581, 1989) as a template. This gene shows seed-specific expression and its coding and flanking sequences have been determined (EMBL. Genbank Nucleotide Sequence Database accession number D00584)). Two sets of oligonucleotides are synthesized. One to allow amplification of a 2.4 kb fragment containing the Gt1 5' flanking region encoding as an XhoI/SphI fragment:

5' Gt1.1 5' GCACAATTCTCGAGGAGACCG 3' (SEQ ID NO:6)

5' Gt1.2 5' ATGGATGGCATGCTGTTGTAG 3' (SEQ ID NO:5)

Page 20, delete paragraph at lines 25 - 29 and rewrite as follows:

β<sup>2</sup>

The other amplification of the 3' flanking sequences as a BamHI/EcoRI fragment (725bp):

3' Gt1.3 5' CCTCTTAAGGATCCAATGCGG 3' (SEQ ID NO:7)

3' Gt1.4 5' CTTATCTGAATTCGGAAGCTC 3' (SEQ ID NO:8)

Pages 22 - 23, delete paragraph bridging pages 22 - 23 and rewrite as follows:

β<sup>3</sup>

For the expression of the endoxylanase gene extracellular targeting is accomplished by the oligonucleotide duplex

PR.S.1 5'

AACTTCCTCAAGAGCTTCCCCTTTTATGCCTTCCTTTGTTTTGGCCAATACTTTGT  
AGCTGTTACGCATGC 3' (SEQ ID NO:3)

PR.S.2 3'

G T A C T T G A A G G A G T T C T C G A A G G G G A  
AAATACGGAAGGAAACAAAACCGGTTATGAAACATCGACAATGCGTACGGTACC  
5' (SEQ ID NO:4)

encoding the signal peptide of the tobacco PR-S protein and for the three-way ligation the  
synthetic xylanase gene digested with BspGHI/BamHI is used.

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Page 29, line 1 - page 33, last line delete in entirety and replace with the following: